

Das and Diener Research Prize Winners

J.P. Das and Erwin Diener have been named this year's recipients of the University's highest research award. The prizes will be awarded at a public gathering in the Students' Union Theatre on 18 March. Following presentation of the awards, each recipient will deliver a lecture about his research activities.

Dr. J.P. Das was nominated for his work in the field of cognitive disabilities—he is the "inventor" of the Das Cognitive Assessment System, a major intellectual assessment battery now produced by a commercial publisher. Das is a member of the Department of Educational Psychology and is Director of the Development Disabilities Centre.

Dr. Erwin Diener's contributions to the field of immunology have been impressive. His early work on antigen recognition remains fundamental in his discipline. More recent work has been related to specific immunotoxins with a potential to provide a new approach to immunosuppression. Dr. Diener is Chairman of the Department of Immunology in the Faculty of Medicine.

Articles on both Das and Diener will appear in these pages closer to the time of the Research Prize awards in March. □

Quote

"It has always been a toss-up whether Polanyi or Ray Lemieux in Alberta would be the first to get a Nobel."

Source: A spokesman for the Natural Sciences and Engineering Research Council (quoted in *The Globe and Mail*, 20 January 1987). □

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FOLIO

University of Alberta

29 January 1987

Board of Governors Honors Employees

One thousand six hundred and fifty years of service at this University was the aggregate accomplishment of the staff honored at last Tuesday's event in the Papaschase Room of the Faculty Club. The event—an annual fête of people with 25, 30, 35, and occasionally 40 years—is hosted by the Board's Educational Affairs Committee, this year under the chairmanship of Bill Milnthorpe. Lasting about an hour and preceded by a wine and cheese reception, the ceremony is highlighted by capsule biographies of each staff member and the presentation of mementos. Twenty-five year employees receive bronze plaques, those who have been here 30 years a crested pen set, and those who have worked here 35 years receive a mounted bronze medallion. The biographies often include anecdotal information. This year, for example, attendees heard of one person who "was so determined to get a job at the University that he sat in the supervisor's office until he was hired."

Twenty-Five Years

Baha Abu-Laban, Associate Vice-President, (Research)
Irene Armstrong, Physical Education and Recreation
Frank Austin, Building Services
Roderick Banks, Library
John Baranyi, Scheduled Distribution
Elsie Barton, Provincial Laboratory
James Bennett, Scheduled Distribution
Diane Bessai, English
William (Bill) Blanchard, Psychology
Cornelius Brusselers, Chemistry
John Colter, Biochemistry
Thelma Dennis, Home Economics
Eva Dimitrov, Zoology
Arthur Ehrenholz, Building Services
Frederick Enns, Educational Administration
Brian Evans, Associate Vice-President (International Affairs)
Ronald Fairweather, Materials Management
Keith Faulder, Chemical Engineering



Thirty-five year employee James Liddell (right) accepts his memento from Board Chairman John Schlosser.

John Ferguson, Scheduled Distribution
Stanly Gault, Associate Registrar
Inez Gordon, Animal Science
Antonius Hilderink, Physical Plant
Erwin Hoffmann, Scheduled Distribution
Wiebe Huisman, Printing Services
Steve Hunka, Educational Psychology
Rudy Jakubec, Planning and Development
William (Bill) Jones, History
Rudolf (Rudy) Kenwell, Chemistry
Karl Kopecky, Chemistry
Tommy Kropiniski, Building Services
Ivor Leander, Physical Plant
Lorne Leitch, Finance and Management Science
Joan MacLeod, Geography
Edward Marxheimer, Romance Languages
Brian McDonald, Associate Vice-President (Academic Administration)
C. Bruce McGavin, Physics
John Orrell, English
June Panteluk, Romance Languages
Bhalachandra Paranjape, Physics
Tom Peacocke, Drama
Allan Persaud, Parking
Ahmad Qureshi, English
Alan Rankin, Library

Royal Ruth, Zoology
David Secord, Surgery
Geoffrey Sperber, Oral Biology
Clara Szatmary, Housing Administration
William Vanden Born, Plant Science
John Van Doorn, Chemical Engineering
Gordon Wormsbecker, Civil Engineering

Thirty Years

Ronald Burwash, Geology
Henry Charlesworth, Geology
Walter Cottle, Physical Education and Sport Studies
Robert (Bob) Crawford, Chemistry
Ronald (Ron) Falconer, Pension and Benefits Administration
Theodore Germaine, Surgical-Medical Research Institute
Raymond Kelly, Athletic Services
John Lerbekmo, Geology
Allan Charles Pringle, Animal Science
Lillian Romaniuk, Office of the Registrar
Helge Welling, Plant Science

Thirty-Five Years

James Liddell, Heating Plant □

Junior High Health Series Authored by Diane Kieren is a First

When "health" became a mandatory subject on the junior high curriculum in Alberta last fall, teachers in the province were able to reach immediately for the ideal texts: three books specially written by Dianne Kieren (Family Studies) and custom-designed for Alberta grades 7 to 9. These (along with a series written by Kieren's former student, Judith Campbell (Educational Administration)), are the first Canadian junior high health series to appear.

Commissioned by the publisher to write the three books, Dr. Kieren put the first drafts into junior high classrooms for pilot testing. When feedback came in from students and teachers, she rewrote them, tailoring them to her audience. "It was a unique process," she says, "and now they fit the Alberta curriculum very well." They've had approval from the Department of Education, and are on the Department's list of recommended texts, along with the teacher's resource manual for the series, written by Maryanne Doherty (Home Economics).

The books, *Discovering Yourself* (grade 7), *Being Yourself* (grade 8), and *Knowing Yourself* (grade 9), each open with an introductory chapter on health. The themes developed in subsequent chapters are self awareness and acceptance, relating to others, life careers, and body knowledge and body care. The same four themes run through all the books, being taken a stage

further with each succeeding age group. "Relating to others", seen in grade 7 from the point of view of "Understanding Relationships", is developed into "Building Relationships" and then into "Working Relationships" over the next two books.

Sex and sexuality are not discussed in any of the books, and Dr. Kieren says she wasn't able to

include diagrams of the human reproductive system anywhere in the series, because of various school board requirements and restrictions that prevent their inclusion in a regular text. She is, however, writing separate student booklets on "understanding sex and sexuality", for use where authorities and parents have given their special permissions. □

Whalley to Give First Hanson Memorial Lecture

The inaugural Eric J. Hanson Memorial Lecture will be presented by John Whalley, University of Western Ontario, on Tuesday, 10 February. The topic of Professor Whalley's presentation will be "Tax Reform in Canada: Issues and Options."

Dr. Whalley was research coordinator for the influential International Trade Studies prepared for the Macdonald Royal Commission, and is well-known for his many contributions to Canadian

public finance, especially in the area of tax incidence studies. He is one of Canada's most distinguished economists.

"The subject of tax reform is very topical in Canada. It is also a most fitting subject for the Eric J. Hanson Memorial Lecture," says Brian Scarfe, Chairman of Economics.

During his many years of service to the University of Alberta, including a term as Head of the Department of Political Economy

from 1957 to 1964, Dr. Hanson's interests were always involved with the economics of the public sector. Tax reform is today one of the most fundamental issues in applied public sector economics.

The lecture will commence at 3 p.m. in 504 Stollery Executive Centre, Business Building. It will be followed immediately by a reception (R.S.V.P., please). Further details are available from the Department of Economics (432-3406). □

FOLIO

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Office of Public Affairs
423 Athabasca Hall
University of Alberta
Edmonton, Alberta T6G 2E8
(403) 432-2325.

All enquiries and
correspondence should be
directed to:
Ron Thomas
Editor

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University
of
Alberta

Deadlines:

Notices of coming events: 9 a.m. three weeks in advance of desired publication date.
Classified advertisements: 3 p.m. one week in advance of desired publication date. This date also serves as the deadline for cancellation of advertisements. Advertisements cost 30 cents per word with no discount for subsequent insertions. There is a maximum limit of 30 words and a minimum charge of \$1.50. Contributors' corrections will be assessed at \$1.50 for each line in which an insertion is made. Advertisements cannot be accepted over the telephone. All advertisements must be paid for in full at the time of their submission.
Display advertisements: 3 p.m. one week in advance of desired publication date. Contact Public Affairs for sizes, rates and other particulars.

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'Trading Partners' Seen as One Cure for Job Burnout

For the next six months, Don Paradis is Derek Cox and Derek Cox is Don Paradis—from nine to five, at least.

They are the first two administrative/professional officers (APOs) on campus to take part in a program aimed at "rejuvenating" APOs and reducing job burnout. In this particular switch, Mr. Paradis traded his post as APO in Food Science for Mr. Cox's job in the Comptroller's office. The two men had previously known each other only slightly, over the phone.

"Derek and I responded to the APO program independently," says Mr. Paradis. Negotiations between them and their respective supervisors, however, meant that latterly the two men were meeting on a daily basis.

"It's just like starting any new job," says Mr. Cox, interviewed on the third week of the six-month switch. "It's a bit intimidating. Where are the bits and pieces of information you need? And then, there's the question of being accepted by new colleagues."

A different environment, new responsibilities and new challenges were what drew Mr. Paradis to

'Fancy Meeting You Here'



Derek Cox (left) and Don Paradis exchange pleasantries in front of the Administration Building, Mr. Paradis' new, albeit temporary work place.

apply. He holds an MSc in Food Science and has been a University administrator for a decade.

Mr. Cox would have celebrated 12 years in the Comptroller's c in mid-February. "It was just about the right time for a change," he says. Policies and procedures for APO job trading have now been finalized, says Eva Cherniavsky, who coordinates the list of "trading partners" for the program. That information is now being circulated among the University's 250 APOs. □

Rick Hansen Scheduled to Reach Campus in Early March

21 March 1985, Rick Hansen set himself in motion to raise money for spinal cord research and wheelchair athletics. His corded arms have propelled his wheelchair through some 34 countries and the odometer will top the 40,000 km mark when his odyssey ends sometime in March.

Acclaim has been a constant that Edmontonians plan to magnify during Mr. Hansen's three-day stopover in the city. On campus, a planning committee (chairman: Art Burgess) has been meeting weekly to organize fund-raising projects and public awareness events in support of Mr. Hansen's Man in Motion Campaign. (The earliest possible date that he could arrive in the city would be 2 March, says Leona Holland, Coordinator of the Man in Motion Alberta Tour.)

The Young Executives Club is

organizing the main event—a noon-hour rally at the Universiade Pavilion with Mr. Hansen arriving at about 12:20 p.m. A meet the media session in the Pavilion's fourth floor lounge and a tour of the University Hospitals will complete the "south side" segment of his visit to Edmonton. (Rallies at Northlands Coliseum and West Edmonton Mall are also on his schedule.)

Room W-15 Van Vliet Centre is serving as "Hansen Headquarters" each weekday from 8 a.m. to 5 p.m. The phone number is 432-ROLL.

The fund-raising began in earnest at few days ago with such events as a women's intramural Rick Hansen Fun Spiel, the Old Time Skating Party and Faceoff '87. A number of Campus Recreation events will be converted into official Man in Motion activities.

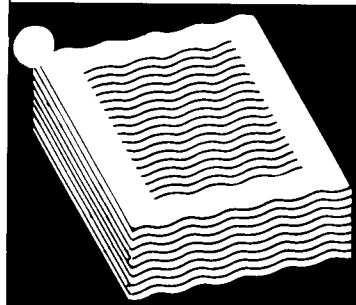
The Students' Union has challenged its counterpart at the University of Calgary to a fund-raising contest and "Dunk for Dollars" is featured at Bears' basketball games. (Franklin's Restaurant donates \$50 each time a Bears field goal is recorded via the dunk.)

Disabled Students Services is organizing "Wheeling With Rick Hansen." Students and staff will be invited to find a sponsor and spend the afternoon of 25 February in a wheelchair. Volunteers are needed; the place to go to sign up is 241 Athabasca Hall.

Rick Hansen has, in Premier Getty's words, "overcome numerous challenges with his physical and mental courage, and undimmed realism."

Heroes still exist; one of them is on his way here. □

Currents



Chair Selection Committees, Faculty of Science

The Faculty of Science announces that Chair Selection Committees are being established to select new Chairs for the Departments of Botany and Mathematics. These committees are prepared to receive nominations and comments from members of the University community; these should be addressed to Dr. R.D. Bercov, Acting Dean of Science.

Call for Papers

The American Association on Mental Deficiency will hold its Annual Region IV Conference in Edmonton (Westin Hotel), 16 to 18 September 1987. The conference theme is "Working Towards Self-Sufficiency" and keynote speakers include: Dennis Mithaug, Jack Stark, Bert Bruininks and James Ellis. Paper poster submissions will be accepted to 4 May 1987.

Thomas A. Ebert, President of Western Industrial Research and Training Centre, and Assistant Clinical Professor in Occupational Therapy, is Chairman of the 1987 AAMD Region IV Executive Committee. Steven Dennis, Vice-President Research at WIRTC (13325 St. Albert Trail, Edmonton T5L 4R3, telephone 454-9656), is serving as the contact person.

Treat Yourself to Confections by Mozart and Salieri

Two one-act comic operas, "The Impresario" by Mozart and "First the Music" by Salieri, will be performed in Convocation Hall on 6 and 7 February, marking an occasion that's historic as well as musical: exactly two hundred and one years earlier, on 7 February 1786, the two operas had their first performances before the emperor Joseph II and his court in Vienna.

Performers this time are third- and fourth-year music students under the direction of Alan Ord, with musical direction by Alfred Strombergs, (both of Music) and piano accompaniment by Sylvia Taylor (a former Music student).

These are full productions, with period costumes by Betty Kolodziej, and special sets designed by Morris Ertman and constructed by students at W.P. Wagner High School.

"They are good operas for 'first timers'," says director Ord. "They're comedies in the tradition of *opera buffa* or *commedia dell'arte*. The music is light, and the plots revolve around prima donnas and their little ins and outs about who is the most important. And both operas will be sung in English."

This is intoxicating stuff to lighten the dark days leading up to Reading Week.

Performance time is 8 p.m. both nights. Admission is \$5 for adults, \$3 for students and seniors. Tickets from the Music Department or at

the door. (In spite of construction, Convocation Hall can still be reached through the main centre door of the Arts Building.) □

Remembering

The **Library Trust Fund** was inaugurated by Myer and Barbara Horowitz as an imaginative way of recognizing special occasions and at the same time contributing to a worthwhile cause.

A donation to the **Library Trust Fund** helps purchase the kind of books (often fine printing from private presses) that support the Library's major collections but that are difficult to fund from regular sources.

Anyone who would like to commemorate or celebrate an occasion—an achievement of their own or someone else's, a retirement, a birth, a death—may make a donation to the Fund. That special occasion is then marked through purchase of a book, which is identified with a bookplate inscribed as the donor wishes. Where possible, the Library also informs the person being honored.

The Library benefits doubly from donations to the Fund, since they are matched by the Alberta government. □



Emil Skarin Fund

Invitation to apply

Applications are invited to the Emil Skarin Fund Committee of the University Senate for financial support of a 1987 project or projects. Approximately \$5,000 from the Fund will be available.

Projects must be of value both to the public as well as the University of Alberta; be consistent with the general aims and purposes of this University, but not normally funded by it; and originate within the Province of Alberta.

Preference will be given to projects with an emphasis on the humanities and the arts. Proposals should include objectives, schedule, budget, and procedures for organization and evaluation.

Application forms are available on request, and should be returned, completed, by **2 March 1987**.

**The Chairman,
Emil Skarin Fund
Committee**
University of Alberta
150 Athabasca Hall
Edmonton, Alberta
T6G 2E8

Tel. 432-2268

ECAT Looks at 'Education for the 21st Century'

The location was the Citadel Theatre but there were no histrionics as the Edmonton Council of Advanced Technology (ECAT) considered "Education for the 21st Century."

Panelists Isaac Glick, Bev MacKeen, Gerry Moss and Garry Popowich avoided the sweeping statement and the bold prediction and displayed thought processes befitting their stations: Director of Human Resources, General Systems Research Inc. (Glick), Director of Alberta Career Development and Employment's Labour Market Industry Analysis Branch (MacKeen), Associate Dean, External Relations, Faculty of Science (Moss), and Associate Director, Senior High Curriculum Branch, Alberta Education (Popowich).

With the information explosion showing no signs of abating, the panelists emphasized society's need to train people to assimilate large chunks of knowledge and to hone their ability to assess that knowledge.

When asked to assess the current education system, Popowich said, "We're not in crisis like the United States is." Standards are being raised however. Alberta has joined the other provinces in moving the mark to get credit for a particular subject from 40 to 50 percent. More math and science content in the classroom is a near certainty.

When it was mentioned that some high school graduates are graduates in name only, Dr. Moss wondered whether students were giving it their best effort or if it was "all smoke and mirrors." He warned administrators not to go

too far worrying about "having 642 computers in the school" but rather to concentrate on maintaining a full complement of fully qualified and caring instructors. Today's "flash and bang show" is worrisome to Dr. Moss.

From his readings, Dr. Glick suggested that the day is not too far removed when corporations will offer degrees, and Dr. MacKeen pointed out that in 1984, 30 of Canada's largest companies spent \$1 billion on in-house training and education.

There was agreement on a member of the audience's call for more emphasis on language courses in order to operate more effectively in the international community.

Another member of ECAT called the education system an overpaid manufacturing system and said if he were Minister of Advanced Education he would fire all the administrators and replace them with managerial personnel. Dr. Moss reminded the Council that universities are dealing with people, not elbow joints. Today's students have to absorb a tremendous amount of knowledge that "frankly, I'm glad I don't have to deal with," he said.

The key to education in the next century is to teach people *how* to learn not *what* to learn, Dr. Moss emphasized. An attitude that's open to exploration and discovery was seen as being essential. In that light, Mr. Popowich advised members that he might be knocking on some of their doors and requesting suggestions as to how the education system could be improved.

ECAT was founded three years

ago. Its 180 members hail from private technology companies, research interests, post-secondary institutions and enterprises serving the advanced technology sector. Previous speakers at ECAT meetings include J. Fraser Mustard,

President, Canadian Institute for Advanced Research; Michael B. Vice-President, LSI Logic Corporation; Norman Arrison, President, Alberta Laser Institute; and Bjorn Anderson, Director, IBM Canada Laboratory. □



University of Alberta The Senate

Nominations for Public Members

We invite nominations from members of the public and/or associations to fill several vacancies on the University Senate.

Volunteer members serve on Task Forces and committees dealing with educational issues. Senate, which is a bridge between the University and the community, meets formally four times a year, for a full day session.

There are no formal qualification requirements but consideration will be given to community service of nominees from central and northern Alberta. Members serve for a three-year term beginning July 1, and applications are invited from people of all walks of life.

The deadline for receipt of nominations in the Senate office is March 2, 1987.

Nomination forms requiring the signature of the nominee and two nominators are available from:

The Senate
University of Alberta
150 Athabasca Hall
Edmonton, Alberta T6G 2E8 Tel: 432-2268

"It is the duty of a senate to inquire into any matter that might tend to enhance the usefulness of the university."

The Universities Act 1976

Cutting (Rehab) Med Tape

President Horowitz, in the company of (left to right) Chancellor Tevie Miller, Dean Martha Piper, Helen Madill, Professor of Occupational Therapy, and John Schlosser, Chairman, Board of Governors, opens the Rehabilitation Medicine Lecture Theatre and Trailer Complex. The facilities sprang up as a result of a brace of large conditional grants by Alberta Advanced Education. The funds addressed the expansion of the Occupational Therapy and Physical Therapy programs and the province's manpower needs in these areas. The official opening took place on 12 January.



Lou Hyndman Scholarship Created

A cheque for about \$70,000 has been given to the University by the trustees of the Lou Hyndman Campaign Trust Fund. The money is intended for the establishment of the Lou Hyndman Edmonton Glenora Scholarship. The provincial government will match the contribution 2:1, making the fund's total approximately \$210,000.

The money became available as a result of small surpluses left over after each election between 1967 and 1982. These surpluses were invested by the trustees of the Campaign Fund according to the provisions of *The Election Finances and Contributions Disclosure Act*. When Mr. Hyndman announced his retirement from provincial politics, the trustees decided to publicly and permanently recognize his commitment and service to Alberta. During his political tenure, Mr. Hyndman headed three portfolios and advised two premiers.

The trustees—David Currie, Ross Harris and John Hill—attended a University luncheon honoring Mr. Hyndman. In thanking the trustees at Mr. Hyndman, President Horowitz mentioned that a special feature of the scholarship is that it is applicable at another university in Canada or overseas.

Two awards will be presented annually and students in law, history, political science, education, business or economics will be eligible. The recipients will receive \$4,000 for each of the last two years



of their degree program. The scholarship will be awarded on the basis of high academic standing and demonstrated community service. Renewal of the award for the second year is contingent upon satisfactory academic standing during the first year of the award. □

A trio of Students' Union Presidents, Lou Hyndman (1958-59), David Oginski (1986-87), and Tim Christian (1970-71), (left to right) compares notes during the 23 January luncheon at University House.

University Management Course Has Openings

Each June, a week-long University Management Course, sponsored by the Canadian Association of University Business Officers, is held at the Banff Centre. It consists of lectures, group discussions, case studies, and small group exercises.

The course has been designed for administrators with direct responsibilities for recommending and implementing policies either within units or on a university-wide basis. The University of Alberta will sponsor three registrations in 1987, contingent upon availability of funding.

The course is intended to develop an awareness and understanding of University Management, Labour Relations, Financial Planning and Budgeting and Management of Change/Stress. A variety of teaching methods will be used. The schedule is rigorous and participants should expect to work evenings.

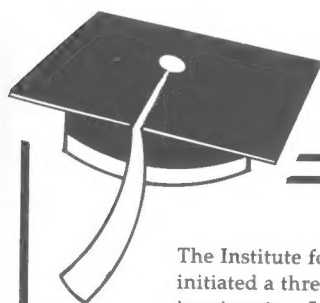
Applicants must be Administrative/Professional Officers and applications must be supported by the direct supervisor and the Department Head (in support departments), the Faculty Dean (in teaching departments and Faculties), or another senior administrator.

Department Heads may also submit nominations but should have the nominee(s) complete the application form.

To apply or nominate, request an application form from the Secretary, Advisory Committee on Professional Development for APOs, 3-13 University Hall.

The deadline for applications is 25 February.

For further information, call B.H. McDonald, Chairman of the Advisory Committee on Professional Development for APOs (432-4955), or Eva Cherniavsky, Committee Secretary (432-4588). □



Activities

The Institute for Research on Public Policy has initiated a three-year program of studies related to immigration. L.A. Kosiński (Geography) was invited to join the newly created IRPP Advisory Committee on Immigration Issues . . . Brian Champion (Humanities and Social Sciences Library) has published "Canadian-American Relations" in volume 9 of *Encyclopedia USA* . . . Computing Science's Lee White has been selected as Chairman of the PGS I-II Subcommittee of the NSERC Postgraduate Scholarship Selection Committee . . . At the winter meeting of ASHRAE (American Society of Heating, Refrigerating, and Air-Conditioning Engineers, Inc.) in New York City, Larry Kostiuk accepted the Joseph S. Cuba Memorial Award for 1987. The award is given "in recognition of graduate student work for significant research accomplishment in the area of renewable energy sources or energy conservation applied to the fields of heating, refrigeration, air-conditioning or ventilation."

Talks

Slavic and East European Studies

30 January, 11 a.m. Stanislaw Barańczak, "Literature of Dissent in Post—1944 Poland." 776 General Services Building.
2 February, 3 p.m. Gerard Magennis, "Nysa and Emmaeus. Reflections on Vyacheslav Ivanov's Religious Ambiguity." 776 General Services Building.
9 February, 2 p.m. R.C. Elwood, Chairman, Department of History, Carleton University, "Inessa Armand—The Bolshevik Feminist." 45 Tory Basement.
9 February, 3 p.m. A. Hornjatkevych, "Epemes, Epes and Alloepes: The Case of the Captivity *Dumy*." 776 General Services Building.

English

30 January, noon. Fred Wah, winner of the Governor-General's Award for poetry, will read from his works. L-3 Humanities Centre.
9 February, 4 p.m. Ted Bishop, "Modernism, Postmodernism, and Woolf's *Between the Acts*." 5-20 Humanities Centre.
11 February, 4 p.m. Rudy Wiebe, "'The Skull in the Swamp': A 25-year Retrospective on the Publication of *Peace Shall Destroy Many*." L-3 Humanities Centre.
12 February, 12:30 p.m. Paul de Barros, author of a new collection of short fictions, will read from his works. L-3 Humanities Centre.

Boreal Institute

30 January, noon. Lois Harwood, "Research on Bowhead Whales in the Beaufort Sea." M-137 Biological Sciences Building.

Physics

30 January, 2 p.m. J.M. Cameron, "The Constituents of Nuclei." V-121 Physics Building.

Colloquia on Systems Research

30 January, 3 p.m. Robert Rosen, Killam Professor of Physiology and Biophysics, Dalhousie University, "System Theory in Modern Science." CW-410 Biological Sciences Centre.

History

30 January, 3:05 p.m. F.A. De Luna, "The Girondins Were Girondins After All." 2-58 Tory Building.
12 February, 3:30 p.m. Mary Lynn Stewart, Simon Fraser University, "Protection, Paternalism and Patriarchy: Sex-Specific Legislation in France, 1892-1915." 2-58 Tory Building.
13 February, 3:05 p.m. David A. Kales, "Canadian Communism, Trotskyist Tendencies and the New Left: An Institutional and Ideological History." 2-58 Tory Building.

Zoology

30 January, 3:30 p.m. Colin G. Scanes, Department of Animal Science, Rutgers, New Brunswick, New Jersey, "Somatotrophins and Somatomedins in Birds." M-149 Biological Sciences Building.
6 February, 3:30 p.m. B.K. Mitchell, "Chemosensory Basis of Host-Plant Recognition: The Colorado Potato Beetle Model." M-149 Biological Sciences Centre.

13 February, 3:30 p.m. John S. Edwards, Department of Zoology, University of Washington, Seattle, "Evolution of Insect Flight." M-149 Biological Sciences Centre.

Romance Languages

30 January, 4 p.m. The Debates on the Encyclopedia—Giuseppe Mazzotta, Yale University, "The Arts of Discourse in Dante." L-4 Humanities Centre.
2 February, 4 p.m. Professor Mazzotta, "Dante's Aesthetic." L-4 Humanities Centre.
4 February, 4 p.m. Professor Mazzotta, "The Birth of Humanism—Petrarch." L-4 Humanities Centre.
6 February, 4 p.m. Professor Mazzotta, "Vico's Encyclopedia—The New Science." L-4 Humanities Centre.

Canadian Institute of Ukrainian Studies

30 January, 7:30 p.m. Stanislaw Baranczak, Department of Slavic Languages and Literatures, Harvard University, "The Ukrainian Theme in Modern Polish Poetry." Heritage Lounge, Athabasca Hall.

CITL

2 February, 3 p.m. Sandy Campbell, Lea Starr and Margo Young, "Do-It-Yourself On-Line Searching." Classroom, Main Floor, Cameron Library.
3 February, 3 p.m. Lorna McCallum, "Marking Strategies." 2-33 Humanities Centre.
4 February, 3 p.m. Gordon Fearn, "Developing a Graduate Seminar on Teaching and Professional Skills." TB-W2 Tory Breezeway.
5 February, 9 a.m. Hugh C. Phillips, "Speaking with Class." TB-W2 Tory Breezeway.
10 February, 4 p.m. F.S. Chia and S.H. Arnold, "Graduate Student Research Supervision." TB-W2 Tory Breezeway.
11 February, 4 p.m. Jim Creechan, "Strategies for Creating Fair Multiple-Choice Examinations." TB-W2 Tory Breezeway.

Plant Science

3 February, 4 p.m. S. Sanscartier, "The Mechanisms of Antagonistic Interactions in Herbicide Mixtures." 811 General Services Building.
10 February, 4 p.m. G. Dunn, "Association of Morphological Characteristics and Lodging Resistance in 6-Row Barley (*Hordeum vulgare*)." 811 General Services Building.
12 February, 4 p.m. T. Oddie, "The Potential for Fly Ash as a Liming Substitute and its Effect on Crop Growth." 811 General Services Building.

Anatomy and Cell Biology

3 February, 4 p.m. Vincent Duronio, Research Fellow, Wellcome Research Lab, North Carolina, "Biosynthesis and Processing of Insulin and IGF-I Receptors." 6-28 Medical Sciences Building.
4 February, 4 p.m. Richard Riopelle, Associate Professor, Division of Neurology, Department of Medicine, Queen's University, "Growth Factors in the Nervous System: Implications for Neuronal Protection." 6-28 Medical Sciences Building.

English (Edmund Kemper Broadus Lectures)

3 February, 4:30 p.m. B. Nielsen de Luna, "The 'Unlick'd Bear-Whelp' of Stratford." L-1 Humanities Centre.

5 February, 4 p.m. Dr. de Luna, "Marshall's Depiction of the 'Fatal' 'Merry Meeting.'" L-1 Humanities Centre.

Women's Program and Resource Centre

3 February, 7:30 p.m. "Quality Daycare in Alberta", a panel discussion. Child care available. 432-3093. L-1 Humanities Centre.

Forest Science

4 February, noon. R.W. Haag, Resource Evaluation and Planning, Alberta Forestry Lands and Wildlife, "G.I.S. Capabilities in Alberta Forest Lands and Wildlife." 4-1 Mechanical Engineering Building.

Sociology

4 February, noon. Karol Krótki, "Counting the Impaired, the Disabled, and the Handicapped in the World and in Canada." 5-15 Tory Building.

Home Economics

4 February, 7 p.m. Holly van Schoor, "Wedding Attire: Design Ideas From the Past." Registration fee \$20, 432-2528. B16 Home Economics Building.

Limnology and Fisheries Discussion Group

5 February, 12:30 p.m. Line Rochefort, "Sources of Acidity in Peatland." P-319N Biological Sciences Centre.
12 February, 12:30 p.m. Gordon Goldsborough, "Algal Autecology of the Phyllosphere of *Lemna minor*." P-319N Biological Sciences Centre.

Anthropology

5 February, 3:30 p.m. Mary Midgley, University of Newcastle upon Tyne, U.K., "Human Immortality: Some Strange Fantasies of Physicists." 1-06 Business Building.

Music

5 February, 3:30 p.m. Regula Qureshi, "German and Italian Flagellant Songs: A Contextual Perspective." 2-34 Fine Arts Building.

Mathematics

5 February, 4 p.m. Joseph McKenna, University of Connecticut, "Nonlinear Oscillation in Suspension Bridges." 657 CAB.

Alberta Heritage Foundation for Medical Research

5 February, 4 p.m. Michael S. Dubow, Associate Professor, Department of Microbiology and Immunology, McGill University, "Protein—DNA Interactions that Govern the Regulation and Catalysis of DNA Transposition." 2J4.02 Mackenzie Health Sciences Centre.
6 February, 2:30 p.m. Guy Hervé, Directeur, Laboratoire D'Enzymologie, Centre National de la Recherche Scientifique, Gif-sur-Yvette, France, "Latest News on the Aspartate Transcarbamylase of *E. coli*." 2J4.02 Mackenzie Health Sciences Centre.

Chemistry

6 February, 4 p.m. J.K.S. Wan, Queen's University, "Chemically Induced Dynamic Electron Polarization: Time Imaging of Primary Radicals in Photochemistry." V-106 Chemistry Centre.

9 February, 4 p.m. Professor Wan, "Microwave Induced Chemical Catalysis: A Review of all our Past (and Future) Mistakes." E3-25 Chemistry Centre.

Population Research Laboratory

9 February, 3 p.m. Harvey Krahn, Giam Lowe and Timothy Hartnagel, "The Canadian Youth Employment Study: Choosing Between School and the Labour Force." TB-W2 Tory Breezeway.

Nursing

9 February, 4 p.m. Rozella Schlotfeldt, Professor and Dean Emeritus, Frances Payne Bolton School of Nursing, Case Western Reserve University, Cleveland, Ohio, "Imperatives for Advancing Nursing's Knowledge Base." 2F1.04 Mackenzie Health Sciences Centre. Funded by Alberta Heritage Foundation for Medical Research.

Lutheran Campus Ministry and Chaplains' Association

9 February, 7:30 p.m. Richard Caemmerer, Jr., Director, Gruñewald Guild, Leavenworth, Washington, "The Way It Was: Art and the History of Christian Faith."
10 February, 7:30 p.m. Mr. Caemmerer, "The Way It Is: Sacred Art in a Secular Society."
11 February, 7:30 p.m. Mr. Caemmerer, "The Way It Can Be: Art and Our Mission and Ministry." The lectures, to be given in St. Joseph's College Chapel, form the Staley Foundation Distinguished Christian Scholar Lecture Series.

Economics

10 February, 3 p.m. John Whalley, University of Western Ontario, "Tax Reform in Canada: Issues and Options." (The Eric J. Hanson Memorial Lecture.) Stollery Executive Centre, Business Building.

Soil Science

12 February, 12:30 p.m. John Dormaar, Research Scientist, Lethbridge Research Station, Agriculture Canada, "Soils and Range Management Research in Southern Alberta." 2-36 Earth Sciences Building.

Canadian Mediterranean Institute

12 February, 7:30 p.m. Fred Bentley, "Soil Erosion in the Ancient Near East and Middle East." Lecture Room, Provincial Museum.

Family Studies

13 February, 10 a.m. Murray Straus, University of New Hampshire, "The National Family Violence Study—Data Collection Issues." 769 General Services Building.

The Arts

Studio Theatre

Until 7 February, "Love for Love." 432-2495.

Ring House Gallery

Until 15 February. The Eighth Dalhousie Drawing Exhibition—44 works by 11 prominent artists from British Columbia, Alberta, Manitoba and Saskatchewan.

**Théâtre Français
d'Edmonton**

30 January to 8 February. "Play . . . Molière!" 469-0829.

**Edmonton Chamber
Music Society**

4 February, 8 p.m. The New York String Trio. Admission by season membership, 433-8102. SUB Theatre.

Music

All concerts take place in Convocation Hall.

6 February, 8 p.m. Opera Performance—works by Salieri and Mozart.

7 February, 8 p.m. Opera Performance—works by Salieri and Mozart.

10 February, 8 p.m. Student Recital—Corey Hamm, piano.
11 February, 8 p.m. Words and Music—performers are students from the Art Song Interpretation Class of Alexandra Munn.

12 February, 8 p.m. Student Composers Concert featuring works by graduate students.

13 February, 8 p.m. Faculty Recital—Grant Cahoon, flute.

SUB Theatre

30 and 31 January. Med Show '87. Tickets—432-6492.

6 and 7 February, 8 p.m. The dance group Orchestis presents "Dance Motif '87." 432-5602.

Edmonton Film Society

9 February, 8 p.m. "Bix" (Canada, 1981). Lory Lecture Theatre.

Broadcasts

Radio

CKUA

31 January, 7 p.m. Music at the University of Alberta presents "Music for Band: Origins and Developments" (Part 2 of 2).
7 February, 7 p.m. Music at the University of Alberta presents "French Baroque Opera." Guest: Paul Rice.
14 February, 7 p.m. Music at the University of Alberta presents "Music for Film." Guest: Chris Philpott.

CJSR-FM

Eclectic programming, including folk, jazz, new music, rock and U of A news and sports coverage. See *Airtight* magazine for full programming details. Send public service announcements to 224 SUB, 432-5244.

Sports

Basketball

30 January, 6:30 p.m. Pandas vs. Calgary.
31 January, 8 p.m. Bears vs. Calgary.
3 February, 6:30 p.m. Pandas vs. Lethbridge.
31 January, 8 p.m. Bears vs. Lethbridge.
7 February, 1 p.m. Pandas vs. Saskatchewan.
7 February, 3 p.m. Bears vs. Saskatchewan.

Hockey

30 January, 7:30 p.m. Bears vs. Brandon.
31 January, 7:30 p.m. Bears vs. Brandon.
4 February, 7:30 p.m. Bears vs. Calgary.

Track and Field

7 February, 9 a.m. Provincial Championships.
8 February, 10 a.m. Provincial Championships.

Volleyball

7 February, 6 p.m. Pandas vs. Saskatchewan.
7 February, 8 p.m. Bears vs. Saskatchewan.

Positions

The University of Alberta is committed to the principle of equal opportunity in employment and encourages applications from all qualified people.

In accordance with Canadian Immigration requirements, these advertisements are directed to Canadian citizens and permanent residents.

Academic

Financial Analyst

A Financial Analyst is required for the Budget/Planning Office. This individual will work closely with departmental officers in reviewing and preparing budgets and will assist in general financial planning.

Qualified applicants will have a university degree with additional training in systems and accounting, and working experience in a large organization.

This position will appeal to candidates who have interpersonal and communication skills, coupled with problem-solving abilities.

Starting salary in the \$30,000 range. The University provides a comprehensive fringe benefits package. Applications should include a résumé and three references, and be addressed to: R.N. Spilsted, Budget/Planning Office, 1-15 University Hall, University of Alberta, Edmonton, Alberta T6G 2J9.

**Lecturer,
Special Sessions 1987-88,
Department of
Educational Psychology,
Hearing Impaired Program**

The Department of Educational Psychology will be making a senior appointment for a Special Sessions course (5 to 19 August 1987; Educational Psychology 597 Lecture 56—Advanced Workshop on Education of Hearing Impaired Students). Salary for the position would be up to the maximum of \$2,676. The course will be held in Saskatoon and will be offered as an interactive seminar with senior professionals. It will have a particular focus on education of hearing impaired students in Europe and the Commonwealth, and on literary and language development.

Apply by 31 March 1987 to: Dr. Harvey W. Zingle, Chairman, Department of Educational Psychology, 6-102 Education North, University of Alberta, Edmonton, Alberta T6G 2G5.

**Director,
Student Counselling Services**

Applications are invited for the position of Director of Student Counselling Services. In addition to being responsible for all budgetary and administrative aspects of the operation of Student Counselling Services, the Director will be expected to provide leadership to a staff of experienced, professional counsellors, to maintain an

active role in counselling students, and to supervise counselling trainees and interns.

A joint appointment with another department may be considered.

Further information may be obtained by contacting the Office of the Dean of Student Services (432-2968). Applications should be sent no later than 27 February 1987 to: Dr. P.J. Miller, Dean of Student Services, 300 Athabasca Hall.

Applications should be accompanied by a detailed résumé of qualifications and experience, and the names of three references.

The appointment will take effect 1 July 1987.

**Facilitator,
Computer-Based Instruction,
Department of
Educational Psychology**

The Department of Educational Psychology wishes to employ an individual who will provide leadership in the fields of computer-based instruction and in the psychology of instruction and/or adult learning. Such an individual should have a teaching and research background which includes instructional curriculum design, learning theory, and computer-based instruction. Preference will be given to candidates with a record of successful teaching in elementary or high school and university/college and with a strong research and publication record.

Budget permitting, this will be a tenure-track senior level position.

Applications, including a current *curriculum vitae* and names of at least three referees, should be forwarded by 31 March 1987 to: Dr. Harvey W. Zingle, Chairman, Department of Educational Psychology, 6-102 Education North, University of Alberta, Edmonton, Alberta, T6G 2G5.

**Editorial/Administrative
Assistant**

An Editorial/Administrative Assistant is required for the preparation of a *History of the Literary Institution in Canada* (a project of the Canadian Division of the Research Institute of Comparative Literature). Perfect bilingualism essential. Research experience and word processing skills a definite asset. Salary and benefits negotiable according to qualifications and experience. Salary base \$10,500 for half-time. The position will likely become full-time in 1988.

Contact E.D. Blodgett, Department of Comparative Literature, North Garneau Trailer Complex, University of Alberta. Telephone: 432-3647.

Support Staff

To obtain further information on the following positions, please contact Personnel Services and Staff Relations, 2-40 Assiniboia Hall, telephone 432-5201. Due to publication lead time and the fact that positions are filled on an on-going basis, these vacancies cannot be guaranteed beyond 23 January 1987. For a more up-to-date listing, please consult the weekly Employment Opportunities Bulletin and/or the postings in PSSR.

Clerk Typist II, (Trust/Part-time), Physical Therapy, (\$701-\$870)
Administrative Clerk (Accommodation Co-ordinator), Housing and Food Services, (\$1,522-\$1,945)
Departmental/Executive Secretary, Office of the Vice-President (Academic), (\$1,716-\$2,208)
Departmental/Executive Secretary, Centre for Co-operative Education, (\$1,716-\$2,208)

Technician II (Split funded), Oral Biology, (\$1,791-\$2,304)
Technologist I/III (Trust), Pharmacology, (\$1,945-\$2,992)

For vacant Library positions, please contact the Library Personnel Office, Basement, Cameron Library, 432-3339.

Advertisements

Accommodations available

Rent - Three large rooms. Kitchenette, three-piece bathroom. Separate entrance, ground level. Country setting. Fifteen minutes from University. 434-6022.

Sale - Executive, 1 3/4-storey home, Belgravia. Four bedrooms, two baths, family room, fireplace, partially developed basement. Completely renovated. Many extras. \$166,000 firm. 436-0455.

Sale - Architecturally-designed, 1,200 sq. ft. bungalow. Minutes from campus. 9,800 sq. ft. lot facing park. Must see. Ronn Bence, Royal LePage, 438-5100.

For sale - Arch-rib cedar home on 6.87 acres near Devon. Fenced, spruce, birch. Three balconies, patio doors, large arch-rib workshop. \$84,500. Ronn Bence, Royal LePage, 438-5100.

For sale - Immaculate, two-bedroom condominium. Two baths, balcony, across from campus. Five appliances. Ronn Bence, Royal LePage, 438-5100.

Rent - New, fully furnished/equipped, four-bedroom, two-bath vacation home in Canmore. Daily (two-day minimum) or weekly rental to family groups only. Damage deposit. Information: Dr. Overton, 432-6344, 481-3694.

Sale - Two-bedroom, University condo. Excellent location. \$64,500. Call Judi Cook, Canada Trust Realtor. 437-2110.

Sale - By owner. Two-storey, brick, three-bedroom house. South Garneau. Exceptional condition, sunny heated porch, hardwood floors, fireplace. Attached garage. 1,500' excluding porch. 439-0521 after 6 p.m.

Rent - Home, acreage near Stony Plain, lease one year, June 1987-May 1988. Three bedrooms, fireplace, family room, furnished, double attached garage. Near lake. \$600/month, utilities. Damage deposit. 963-5663.

Sale - Lansdowne. Main-floor family room, four-bedroom, Ace Lange, two-storey. Quiet. Trees. Access University, hospital, downtown. Pat von Borstel, 437-6540, 436-5250, Spencer Realty.

Sale - University area. Upgraded bungalow with suite. Super kitchen. Pat von Borstel, 437-6540, 436-5250, Spencer Realty.

To share - Strathcona house with non-smoking female. Must like puppies. \$300 including utilities, available 1 February. Call Jenny at 431-0947.

For sale - Large, renovated, Strathcona home. Priced at \$139,900. Zone for almost any purpose. For information on this fine property, call David Teasdale, 437-7480. Royal LePage Res. Ltd.

Accommodations wanted

London, England/Edmonton home exchange. Couple willing to trade fully equipped, furnished, London, three-bedroom home for same in Edmonton. Two to four months, summer 1987. Susan, 432-4145.
Wanted - Small house within three blocks of University, for less than \$80,000 cash. Leave address, price and phone at 431-1717. No agents.

House-sitter available: Visiting lady professor, willing to take care of your house, yard, pet, plants. June, July, August. References available. 432-4255.

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Cash paid for appliances, 432-0272.

New electronic typewriters including computer interface, \$625. Used correcting IBM Selectric II, \$399. Open 7 days/week, weekday evenings. Mark 9, HUB Mall. 432-7936.

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\$3,500/person, double occupancy, all inclusive. Don Pimm, 433-8322.

Photographic equipment for sale: Tokina lenses: 500mm mirror with case, \$195. 35-105, \$220. 100-300, \$150. Minolta XG7 camera body, \$50. Dr. Yamamoto, 432-4429 or 436-3505.

Quilt duvets for sale - Wool stuffing, muslin covering. Sizes from crib to king. \$15-\$60 depending on size. Phone Wetaskiwin, 352-3102.

Weaving loom for sale - Leclerc Colonial usable as jack or counter-balance, four harnesses, 45" width, with accessories and Leclerc bench. \$1,000. Phone Wetaskiwin, 352-3102.

Wool for sale - Clean, carded, \$4/pound, spinning rolls, \$5/pound. Phone Wetaskiwin, 352-3102.

Macintosh computers, accessories and software at the right price. Mouse pads, carrying cases, surge suppressors, diskettes, etc. CCD Computer Systems Ltd.—your Apple dealer. Call John Chalmers, MEd, at 451-2801.

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City Secretarial Service, 432-0138. Theses (word processed), \$18/hour. Electronic scanning, \$3/page. Typing (double spaced/10 pitch), \$1.75/page.

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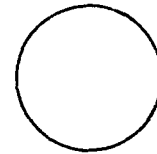
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